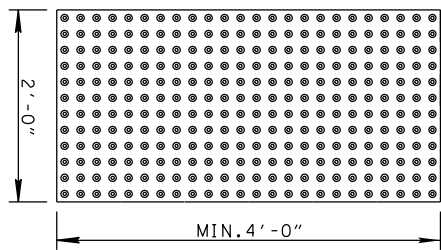
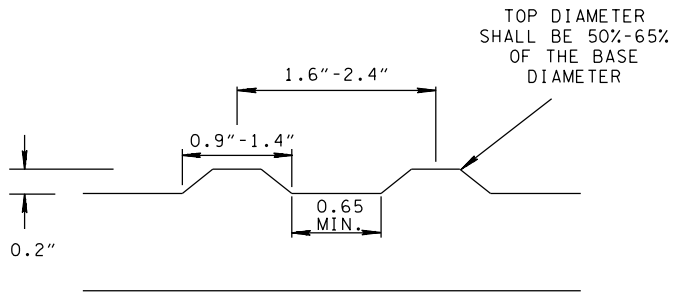


PLAN VIEW
(EXAMPLE LAYOUT SHOWING EACH RAMP TYPE; SEE REFERENCED STANDARD DRAWINGS FOR SPECIFIC ALIGNMENT INFORMATION) (B)



TRUNCATED DOME SURFACE DETAIL



TRUNCATED DOME SURFACE
ELEVATION VIEW (TYP.)

TRUNCATED DOME SURFACE NOTES

- ① THE DETECTABLE WARNING SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP (EXCLUSIVE OF FLARED SIDES) AND SHOULD EXTEND ONLY 2 FEET IN THE DIRECTION OF TRAVEL.
- ② THE DETECTABLE WARNING SURFACES SHALL BE A CONTRASTING COLOR (YELLOW PREFERRED) FROM THE ADJACENT SIDEWALK OR ROAD SURFACE. OTHER COLORS ARE ALLOWABLE IF THEY PROVIDE A 70 PERCENT CONTRAST IN LIGHT REFLECTANCE WITH THE ADJOINING SURFACE. PAVERS MAY BE USED FOR DETECTABLE WARNING SURFACE. TRUNCATED DOME SURFACES SHALL BE CONSTRUCTED USING PRODUCTS APPROVED ON THE TDOT QUALIFIED PRODUCT LIST 37.

- REV. 7-17-07: REVISED SIZE AND SPACING OF TRUNCATED DOMES. ADDED NOTE (B) MODIFIED SPECIAL PAVER NOTES.
- REV. 4-13-11: ADDED LOWERED CURB FOOTNOTE ① TO TRUNCATED DOME DETAIL. MISC. EDITS TO DRAWING.
- REV. 5-8-13: ADDED GUTTER SLOPE DETAIL AND REVISED NOTE ①, UPDATED TERMINOLOGY.
- REV. 6-4-13: ADDED SECTION A-A. CLARIFIED NOTE ①, ADDED NOTE (D), CHANGED ITEM DESCRIPTION.
- REV. 11-25-13: REVISED NOTES (C), (E), (M), (N), AND ADDED NOTE (B).
- REV. 1-30-15: VARIOUS DRAFTING EDITS. REVISED GENERAL NOTES.

GENERAL NOTES

- (A) DETAILS SHOWN ON THIS PLAN APPLY TO THE CONSTRUCTION OR RECONSTRUCTION OF STREETS, CURBS, OR SIDEWALKS.
- (B) CURB RAMP ARE TO BE LOCATED AS SHOWN ON THE PLANS.
- (C) CURB RAMP SHALL BE PROVIDED AT ALL CORNERS OF STREET INTERSECTIONS WHERE THERE IS EXISTING OR PROPOSED SIDEWALK AND CURB. RAMP SHALL ALSO BE PROVIDED AT WALK LOCATIONS IN MID-BLOCK AND ACROSS FROM CORNER RAMP AT T-INTERSECTIONS. DIAGONAL RAMP SHOULD ONLY BE USED IF PHYSICAL CONSTRAINTS PREVENT THE USE OF TWO INDIVIDUAL RAMP AT STREET CORNER.
- (D) THE FIRST TWO FEET OF RAMP MUST CONSIST OF A TRUNCATED DOMED SURFACE. RAMP SHALL INCLUDE THE TRUNCATED DOME SURFACE TO PROVIDE A DETECTABLE WARNING FOR VISUALLY IMPAIRED PEDESTRIANS.
- (E) CARE SHALL BE TAKEN TO ASSURE A UNIFORM GRADE ON THE RAMP. THE GRADE SHALL BE FREE OF SAGS AND SHORT GRADE CHANGES.
- (F) DRAINAGE STRUCTURES SHALL NOT BE PLACED IN LINE WITH RAMP. INSTALL CATCH BASIN ON UPSTREAM SIDE OF RAMP FOR ROADS WITH GRADES LESS THAN 2%.
- (G) CROSSWALK MARKINGS, IF USED, SHALL BE LOCATED AS SHOWN ON THE APPLICABLE CURB RAMP STD. DWG. SEE STD. DWG. T-M-4 FOR TYPICAL STOP LINE PLACEMENT AND STANDARD CROSS WALK RETROREFLECTIVE MARKING.
- (H) SEE RP-H-4 FOR PERPENDICULAR CURB RAMP DESIGN DETAILS SEE RP-H-5 FOR PARALLEL CURB RAMP DESIGN DETAILS.
- (I) PAYMENT:
COST OF THE LOWERED CURB AND GUTTER TO BE INCLUDED IN THE PRICE OF ITEM NO. 702-01, CONCRETE CURB OR ITEM NO. 702-03, CONCRETE COMBINED CURB & GUTTER.
- ALL COST OF INSTALLING CURB RAMP INCLUDING TRUNCATED DOME IN EXISTING SIDEWALK AREAS INCLUDING REMOVAL OF THE EXISTING SIDEWALK SHALL BE BID FOR UNDER THE FOLLOWING PAY ITEM:
- 701-02.01, CONCRETE CURB RAMP (RETROFIT) PER SQUARE FOOT.
- PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY FOR CONSTRUCTION OF THE CURB RAMP(S). INCLUDING INSTALLATION OF TRUNCATED DOMES.
- ALL COST OF INSTALLING CURB RAMP INCLUDING TRUNCATED DOME IN NEWLY CONSTRUCTED SIDEWALK AREAS SHALL BE BID FOR UNDER THE FOLLOWING PAY ITEM:
- 701-02.03, CONCRETE CURB RAMP PER SQUARE FOOT.
- PAYMENT SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY FOR CONSTRUCTION OF THE CURB RAMP(S). INCLUDING INSTALLATION OF TRUNCATED DOMES.
- (J) FOR SIGNALIZED INTERSECTIONS THAT REQUIRE PEDESTRIAN SIGNAL PUSH BUTTONS, SEE TDOT TRAFFIC DESIGN MANUAL FOR DETAILS.

MINOR REVISION -- FHWA
APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CURB RAMP
AND TRUNCATED
DOME SURFACE
DETAIL

1-15-07

RP-H-3